DOCUMENTED CHROMOSOME NUMBERS OF PLANTS

(See Madroño 9:257–258. 1948.)

Species	Number	Counted by	Collection	Locality
Liliaceae				
**Hesperocallis undulata* A. Gray	2n=24 II	H. Lewis, LA[1]	*Lewis* in 1952, LA	Borrego Valley, San Diego County, California
**Nolina parryi* S. Watson	2n=20 II	H. Lewis, LA	*O'Donnell* in 1953, LA	Piñon Flats, Riverside County, California
**Zigadenus brevibracteatus* H. M. Hall	2n=11 II	H. Lewis, LA	*Lewis* in 1950, LA	Red Rock Canyon, Kern County, California
Ranunculaceae				
**Ranunculus occidentalis* var. *eisenii* A. Gray	2n=14 II	H. Lewis, LA	*Lewis* in 1955, LA	Mather, Tuolumne County, California
Cruciferae				
**Dithyrea californica* Harv.	2n=10 II	H. Lewis, LA	*Lewis* in 1955, LA	Borrego Valley, San Diego County, California
**Erysimum capitatum* var. *bealianum* (Jeps.) Rossbach	2n=16 II	P. Raven, LA	*Mathias 3027*, LA	Kern County, California
**Lyrocarpa palmeri* S. Watson	n=20	P. Raven, LA	*Lewis* in 1957, LA	Sentenac Canyon, San Diego County, California
**Streptanthus inflatus* (S. Watson) Greene	2n=14 II	H. Lewis, LA	*Lewis* in 1957, LA	Temblor Range, Kern County, California
Linaceae				
**Cathartolinum digynum* (A. Gray) Small	2n=8 II	P. Raven, LA	*Lewis* in 1955, LA	Mather, Tuolumne County, California

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* Prepared slide available.

[1] Symbols for institutions are those listed by Lanjouw and Stafleu, Index Herbariorum, Part I. Third Edition, 1956, Utrecht.

Species	Number	Counted by	Collection	Locality
Apocynaceae				
**Amsonia brevifolia* A. Gray	2n=22	C. Epling, LA	*Lewis* in 1940, LA	Quail Springs, San Bernardino County, California
**Amsonia brevifolia* var. *tomentosa* (Torr. & Frem.) Jepson	2n=22	C. Epling, LA	*Lewis* in 1940, LA	Quail Springs, San Bernardino County, California
Boraginaceae				
**Coldenia canescens* DC.	n=9	M. S. Cave UC	*Raven 13122,* UC	Kaibab Trail, so. rim of Grand Canyon, Coconino County, Arizona
**palmeri* A. Gray	n=8	H. F. Chisaki, UC	*Alava 1831,* JEPS	27 miles south of Vidal, Riverside County, California
**plicata* (Torr.) Coville	n=8	H. F. Chisaki, UC	*Alava 1809,* JEPS	Junction of highways 80–98 and road from Ogilby, Imperial County, California
**purpusii* Brandegee	n=9	H. F. Chisaki, UC	*Moran 6320,* UC	South of José María Aguirre, Nuevo Leon, Mexico
**Cryptantha pterocarya* (Torr.) Greene	n=12	H. F. Chisaki, UC	*Raven 11723,* UC	Gila Mountains, Yuma County, Arizona
**Heliotropium parviflorum* L.	n=13	H. F. Chisaki, UC	*Chisaki 1168,* UC	San Blas, Nayarit, Mexico
**Myosotis versicolor* (Pers.) Smith	n=12	H. F. Chisaki, UC	*Alava 2295,* UC	Pitkin Marsh, Sonoma County, California
Verbenaceae				
Glandularia perackii Covas et Schnack	n=5	O. T. Solbrig, UC	*Solbrig 2839,* UC	Sierra de San Luis, San Luis Province, Argentina (grown at the U.C. Bot. Garden, Berkeley, Calif.)
gooddingii (Briq.) O. T. Solbrig[2]	n=10	O. T. Solbrig, UC	*Solbrig 2803,* UC	Highway 66, 19.8 miles west of Seligman, Arizona

[2] **Glandularia gooddingii** (Briq.) O. T. Solbrig comb. nov. (*Verbena gooddingii* Briq., Ann. Conserv. & Jard. Bot. Genève 10:103. 1907.)

Species	Number	Counted by	Collection	Locality
Glandularia canadensis (L.) Small	n=15	O. T. Solbrig, UC	*Solbrig 2840*, UC	Cultivated at the U.C. Bot. Garden, Berkeley, Calif.
Verbena bracteata Lag. & Rodr.	n=14	O. T. Solbrig, UC	*Solbrig 2909*, UC	Highway 20, 12 miles west of Niles, Oregon
prostrata R. Br.	n=7	O. T. Solbrig, UC	*Chisaki*, *Sharsmith* & *Solbrig 2823*, UC	Hernandez, San Benito Connty, California
Labiatae				
Agastache urticifolia (Benth.) Ktze.	2n=9 II	H. L. Wedberg, LA	*Lewis* in 1956, LA	Mather, Tuolumne County, California
**Monardella cinerea* Abrams	2n=21 II	P. Raven, LA	*Raven 11197*, CAS	San Gabriel Mountains, Los Angeles County, California
**Monardella lanceolata* Bentham	2n=21 II	H. Lewis, LA	*Lewis* in 1955, LA	Mather, Tuolumne County, California
**Monardella linoides* A. Gray	2n=21 II	H. L. Wedberg, LA	*Raven 9327*, LA	Piute Mountains, Kern County, California
Solanaceae				
**Chamaesaracha nana* A. Gray	2n=12 II	P. Raven, LA	*Lewis* in 1956, LA	Silver Lake, Mono County, California
**Solanum xantii* A. Gray	2n=12 II	H. Lewis, LA	*Levene* in 1949, LA	West Los Angeles, Los Angeles County, California
Scrophulariaceae				
Orthocarpus attenuatus A. Gray	2n=12 II	H. Lewis, LA	*Lewis* in 1956, LA	Near Arvin, Kern County, California
Orthocarpus linearilobus Benth.	n=24	H. Lewis, LA	*Lewis* in 1956, LA	Near Arvin, Kern County, California
Orthocarpus purpurascens A. Gray	2n=12 II	H. Lewis, LA	*Lewis* in 1956, LA	Near Arvin, Kern County, California

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Species	Number	Counted by	Collection	Locality
Cucurbitaceae				
**Marah macrocarpus* (Greene) Greene	2n=32 II	H. Lewis, LA	*Lewis* in 1950, LA	Santa Monica Mountains, Los Angeles County, California
Compositae				
**Chaenactis Douglasii* var. *rubricaulis* (Stockwell) Ferris	n=6	R. O. Alava, UC	*Bacigalupi & Alava 6497*, JEPS	Converse Mountain, Fresno County, California
**Chrysopsis foliosa* Nutt.	n=18	R. C. Jackson, KANU	*Jackson 2464*, KANU	Sandoval County, New Mexico
Haplopappus ciliatus (Nutt.) DC.	2n=12	R. C. Jackson, KANU	*Richards 2648*, KANU	Barber County, Kansas
**Haplopappus divaricatus* (Nutt.) Gray	2n=10	R. C. Jackson, KANU	*Richards 2055*, KANU	Barber County, Kansas
**Haplopappus hartwegii* (Gray) Blake	n=6	R. C. Jackson, KANU	*Jackson 2465*, KANU	San Juan County, New Mexico
**Haplopappus pleuriflorus* (Gray) Hall	n=12	R. C. Jackson, KANU	*Jackson 2507*, KANU	Rio Arriba County, New Mexico
**Machaeranthera gymnocephala* (DC.) Shinners	n=5	R. C. Jackson, KANU	*Jackson 2516-1*, KANU	Otero County, New Mexico
Machaeranthera tanacetifolia (H.B.K.) Nees	n=4	R. C. Jackson, KANU	*Jackson 2556*, KANU	Socorro County, New Mexico
**Ratibida tagetes* (James) Barnhart	n=16	R. C. Jackson, KANU	*Jackson 2565*, KANU	Bernalillo County, New Mexico
**Ratibida columnaris* (Pursh) Raf.	n=14	R. C. Jackson, KANU	*Jackson 2133*, KANU	Otero County, New Mexico
**Ratibida peduncularis* var. *picta* Gray	n=14	R. C. Jackson, KANU	*Richards 564*, KANU	Wilson County, Texas
**Senecio longilobus* Benth.	n=20	R. C. Jackson, KANU	*Jackson 2037*, UNM	Bernalillo County, New Mexico
Zinnia grandiflora Nutt.	n=24	R. C. Jackson, KANU	*Jackson 2002*, UNM	Bernalillo County, New Mexico